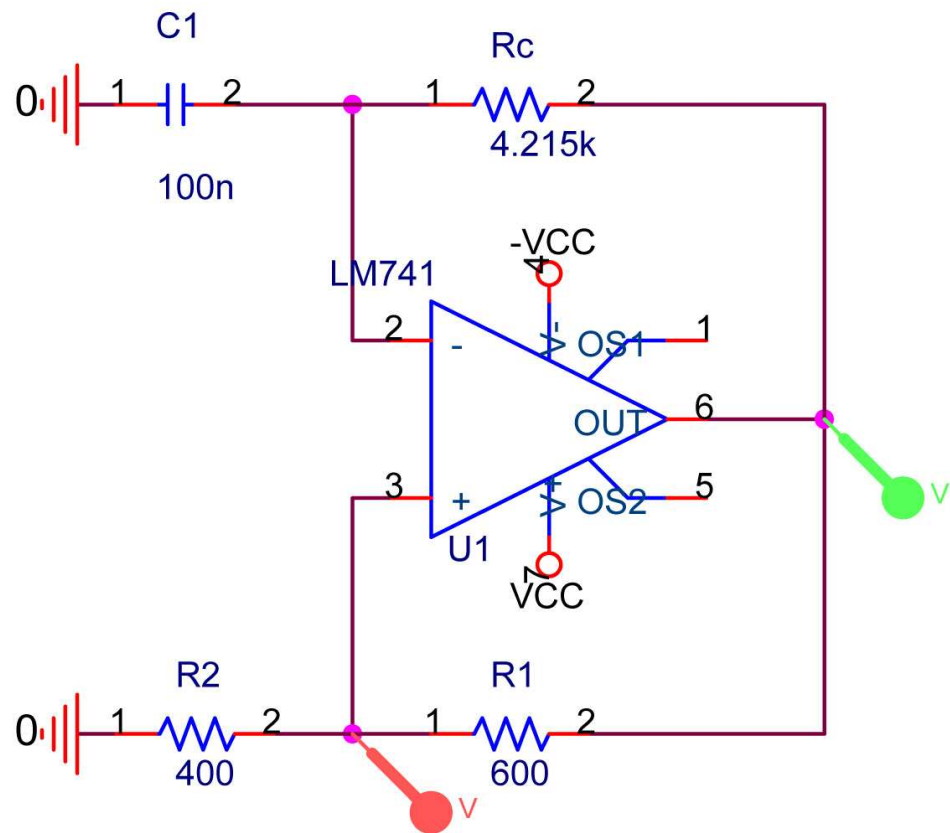
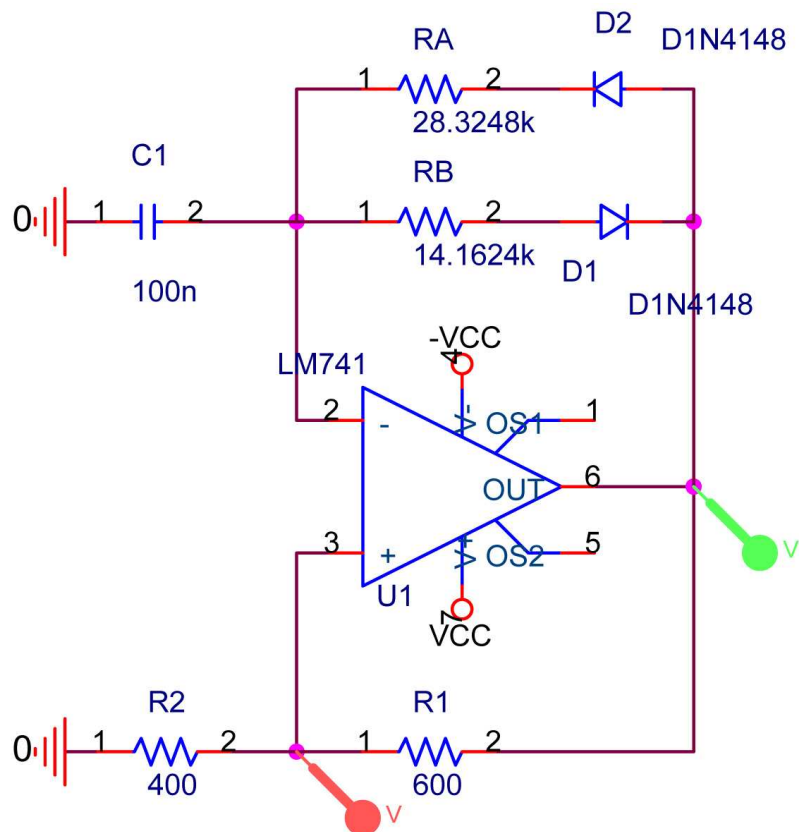


# Circuitos osciladores aestables con operacional

Oscilador aestable  $t_1 = t_2$  (montaje 1):



Oscilador aestable  $t_1 / 2 = t_2$  (montaje 2):



Configuración de la simulación para obtener los gráficos correspondientes:

The image shows the 'Analysis' tab of the LTspice simulation configuration dialog. The 'Analysis type' is set to 'Time Domain (Transient)'. The 'Run to time' is set to '10ms' seconds (TSTOP). The 'Start saving data after' is set to '0' seconds. Under 'Options', 'General Settings' is checked, while 'Monte Carlo/Worst Case', 'Parametric Sweep', 'Temperature (Sweep)', 'Save Bias Point', 'Load Bias Point', 'Save Check Points', and 'Restart Simulation' are unchecked. The 'Transient options' section shows 'Maximum step size' set to '500ns' seconds, and 'Skip the initial transient bias point calculation (SKIPBP)' is checked. 'Run in resume mode' is unchecked. An 'Output File Options...' button is visible at the bottom right.

General Analysis Configuration Files Options Data Collection Probe Window

Analysis type:  
Time Domain (Transient) ▼

Run to time: 10ms seconds (TSTOP)

Start saving data after: 0 seconds

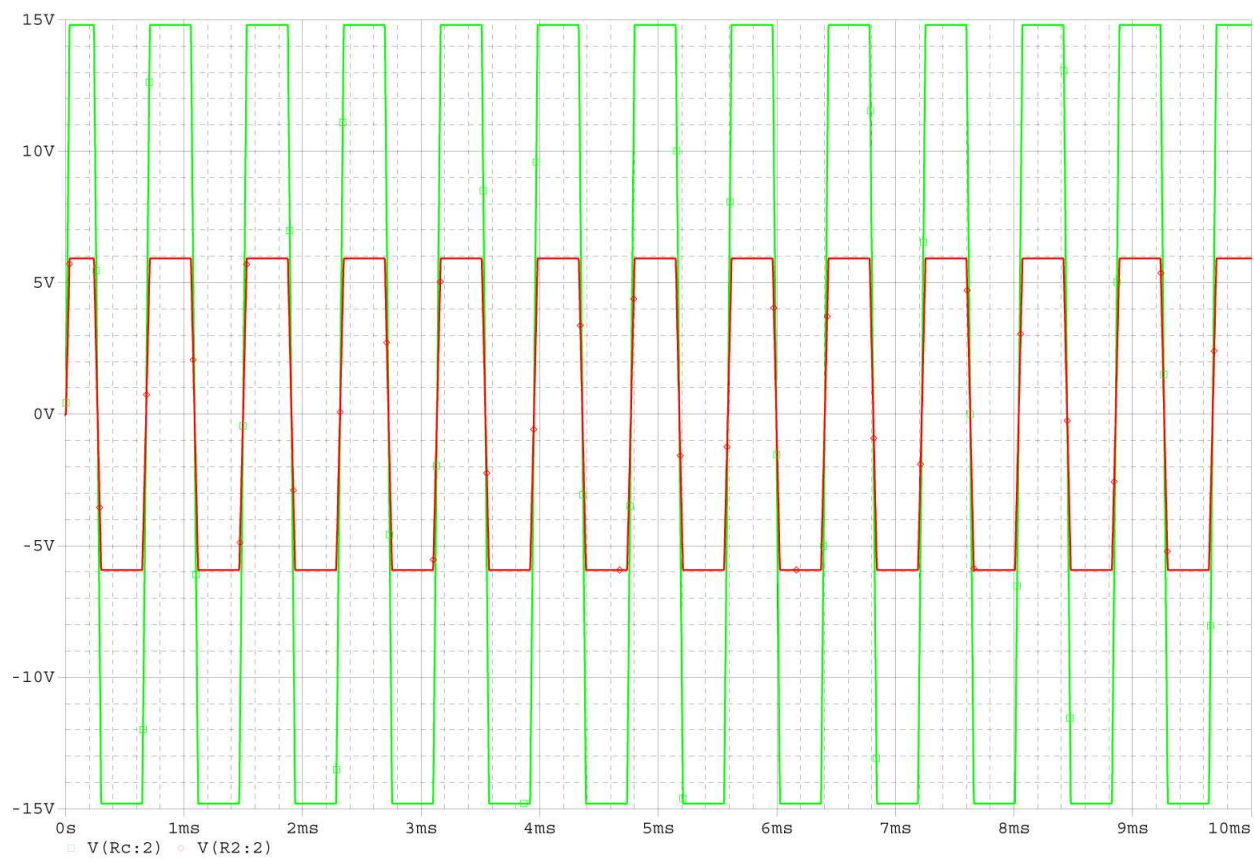
Options:  
☒ General Settings  
☐ Monte Carlo/Worst Case  
☐ Parametric Sweep  
☐ Temperature (Sweep)  
☐ Save Bias Point  
☐ Load Bias Point  
☐ Save Check Points  
☐ Restart Simulation

Transient options  
Maximum step size: 500ns seconds  
☒ Skip the initial transient bias point calculation (SKIPBP)

☐ Run in resume mode

Output File Options...

Simulación transitoria del montaje 1:



Simulación transitoria del montaje 2:

